From:

£24079.P06

Sheet \_\_\_ of \_1\_

| Form PTO-1449  |          | U.S. Department of Commerce<br>Patent and Trademark Office |   |      |             |  |               |               | Atty. Docket No.<br>P24079  |                                       | Scriel No.<br>10/644,845 |                  |                               |  |  |
|--|----------|--|---|------|-------------|--|---------------|---------------|-----------------------------|---------------------------------------|--------------------------|------------------|-------------------------------|--|--|
| BY APPLICANT   |          |  |   |      |             |  |               |               |                             | Applicant<br>Hiromi MATSUSAKA         |                          |                  |                               |  |  |
| NOV 2 4 2003   |          |  |   |      |             |  |               |               | Filing Date August 21, 2003 |                                       |                          | Group 26//       |                               |  |  |
| THE STATE OF THE S | 2        |  |   |      |             |  |               | U.S. PATEN    | VT I                        | DOCUMENTS                             |                          |                  |                               |  |  |
| EXAMERY DOCUMENT NUMBER  |          |  |   |      |             |  |               | DATE          | NAME C                      |                                       | CLASS                    | SUBCLASS         | FILING DATE<br>IF APPROPRIATE |  |  |
| JC   | •        | ,  | 8   | 9    | 0           | 6                                      | 6             | 05/14/02      | E                           | JZAK                                  |                          |                  |                               |  |  |
| JC   | 1        | 6  | 0   | 8    | 8           | 6                                      | 8             | 08/19/03      | м                           | IŲRAKAMI et al.                       |                          |                  |                               |  |  |
|  | 1        | ╫  |   | Г    |             |  | Г             | •             | Γ                           |                                       |                          |                  |                               |  |  |
|  |          |  |   |      |             |  |               |               | Г                           |                                       |                          |                  |                               |  |  |
|  |          |  |   |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
| ·  |          |  |   |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
|  |          |  |   |      |             |  |               |               | L                           |                                       |                          |                  |                               |  |  |
|  |          |  |   | 上    | L           |  |               |               |                             |                                       |                          |                  |                               |  |  |
|  |          |  |   |      |             |  | FC            | DREIGN PAT    | LEN                         | T DOCUMENTS                           |                          | ,                |                               |  |  |
| DOCUMEN'I NUMBER   |          |  |   |      | DATE        |  | COUNTRY CLASS |               | TRANSLATION SUBCLASS YES NO |                                       | LATION<br>NO             |                  |                               |  |  |
| JC   | 9-       | 1  | 8   | 6    | 6           | 3                                      | 5             | 07/15/97      | 1                           | APAN                                  |                          |                  | •                             | T  |  |
| JC   | 2000 -   | ╢┷   | 2   | 4    | 0           | 8                                      | 1             | 11/24/00      | ₩                           | APAN                                  |                          |                  |                               |  |  |
| JC   | 11 -     | ┪  | 5   | 2    | 0           | 4                                      | 2             | 09/17/99      | +                           | APAN                                  |                          |                  | •                             | <del>                                     </del> |  |
| JC   | 11 -     | ╢  | 7   | 5    | 0           | 5                                      | 9             | 10/08/99      | +                           | APAN                                  | ۔                        | ســـ             |                               | <del>                                     </del> |  |
| JC   | 2002     | -⊪   | 9   | 9    | ļ,          | 3                                      | 3             | 07/12/02      | ╁                           | APAN                                  |                          |                  |                               | <del> </del>                                     |  |
|  | 11 -     | ┩╌   | 7   | 5    | <b> </b> ;- | 6                                      | 4             | 10/08/99      | ╀                           | APAN                                  |                          |                  | <del></del>                   | <u> </u>   |  |
| <b>€</b> C   |          | 1 2  | ٠   | 1    | no.         | ــــــــــــــــــــــــــــــــــــــ | <u> </u>      | <del></del>   | Τ                           | thor, Title, Date, Pert               | Inant Pages              | Pro.)            |                               | <u>1</u>   |  |
| 70   | <u> </u> |  |   | _    |             |  |               |               |                             | ~.~.                                  | A T                      | ци., у           |                               |  |  |
| JC   | +        | _  | English Language Abstract of JP 9-186635, 7//5/47     |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
| JC   |          |  | English Language Abstract of JP 2000-324081, 11/24/00 |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
| 1C   |          |  | English Language Abstract of JP 11-252042, 9//7/99    |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
|  |          | E  | nglis   | h Le | ıngu        | age .                                  | Abs           | tract of JP 1 | 11-2                        | 275059, 1010                          | 8/99                     |                  |                               |  |  |
| JC   |          | E  | English Language Abstract of JP 2002-199033, 7//2/02  |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
| JC   | •        | 6 English Language Abstract of JP 11-275164, 10108/99      |   |      |             |  |               |               |                             |                                       |                          |                  |                               |  |  |
|  |          |  |   |      |             | ·                                      |               |               |                             |                                       |                          |                  |                               |  |  |
|  |          | <u> </u>   |   |      |             |  |               |               |                             | · · · · · · · · · · · · · · · · · · · |                          |                  |                               |  |  |
| EXAMINER   |          | `  |   | /Je  | an (        | Cor                                    | rie           | lus/          |                             | DATE CONSIDERE                        | ED                       | 12/05/2006       | i<br>                         |  |  |
| *EXAMINER: I   |          |  |   |      |             |  |               |               |                             | ormance with MPEP 6                   | 09; Draw linc            | through citation | if not in con                 | lformance  |  |

| P24079.P07.doc/  |                       | Sheet I of                    |  |  |  |  |  |  |  |  |
|--|-----------------------|-------------------------------|--|--|--|--|--|--|--|--|
| FORM PTO-1449    NN   6   1000   S. Department of Commerce   Atty. Docket No.   Patent and Trademark Office   P24079   | Application 10/644,84 | Application No. 10/644,845    |  |  |  |  |  |  |  |  |
| INFORMATION DISCUSSURE STATEMENT Applicant Hiromi MATSUSAKA  |                       |                               |  |  |  |  |  |  |  |  |
| (Use several sheets if necessary) Filing Date August 21, 200   | Group 2631            |                               |  |  |  |  |  |  |  |  |
| U.S. PATENT DOCUMENTS  |                       |                               |  |  |  |  |  |  |  |  |
| EXAMINER INITIAL DOCUMENT NUMBER DATE NAME (   | LASS SUBCLASS II      | FILING CATE<br>IF APPROPRIATE |  |  |  |  |  |  |  |  |
| JC 6 3 5 9 9 3 4 03/19/02 YO\$HIDA   |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       | ··                            |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
| FOREIGN PATENT DOCUMENTS   |                       |                               |  |  |  |  |  |  |  |  |
| DOCUMENT NUMBER DATE COUNTRY CLA   |                       | TRANSLATION<br>YES NO         |  |  |  |  |  |  |  |  |
| JC 0 9 4 4 2 0 0 09/22/99 EPO  |                       |                               |  |  |  |  |  |  |  |  |
| JC 02 / 0 7 3 9 1 6 09/19/00 WIPO  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  | <del>-   </del>       |                               |  |  |  |  |  |  |  |  |
| OTHER DOCUMENTS (Including Author, Title, Date, Perlinent Pa   | as, Etc.)             |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  |                       |                               |  |  |  |  |  |  |  |  |
|  | <u>-</u> -            |                               |  |  |  |  |  |  |  |  |
|  |                       | · · ·                         |  |  |  |  |  |  |  |  |
|  |                       | -                             |  |  |  |  |  |  |  |  |
| EXAMINER /Jean Corrielus/ DATE CONSIDERED 12/05/2006  *EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through cita |                       |                               |  |  |  |  |  |  |  |  |
|  |                       | h                             |  |  |  |  |  |  |  |  |